

CAMERA SUMO-HD30



Concept of the camera SUMO-HD30 offers cost effective solution for a remote-controlled high resolution camera in day/night surveillance applications.

The camera with its accessories is placed in a sealed ruggedized environmental housing to protect optical and electronical parts. A camera body is equipped with an internal heating system. The housing includes a protective sun roof. The camera is remote-controlled via a serial line.

The high-performance 1/2.8" CMOS image sensor achieves superb Full HD (1920 x 1080) picture quality, even in lowlight environments. Progressive scanning assures smoother pictures with reduced blur - ideal for capturing a detail in the moving images.

Fast zoom operation is ideal for smooth, rapid transitions from wide area coverage to detailed close ups in security and surveillance applications.

An image stabilizer and an optical/digital zoom are combined to enhance picture quality while maintaining the original horizontal angle of view, ensuring maintenance of the image size.

The camera can operate in two modes: Color or Black & White. In low light conditions the camera can be switched to black and white mode, in which it is sensitive to near IR spectrum.

TECHNICAL SPECIFICATION

Camera module	
Sensor	1/2.8" CMOS
Resolution	1920 x 1080 pixels
Sensitivity	1,4 lx color mode 0,05 lx BW mode
S/N ratio	50 dB
Video output signal	HD-SDI
Lens	
Focal length	4,3 – 129 mm
Zoom	30x optical, 12x digital
Field of view (H)	WIDE: 63°42' TELE: 2°18'
Others	
Control interface	RS232
Power supply	24 V DC (18 V – 32 V)
Consumption	5 W (typical), 75 W (with heater)
Operating temp.	-32 °C to +55 °C
Storage temp.	-40 °C to +60 °C
Envir. protection	IP66
Weight	2,7 kg
Dimensions (L x W x H)	262 x 108 x 114 mm
Complies with	EN 61000, MIL-STD-810, MIL-STD-461

Functions: autofocus, image stabilization, backlight compensation, progressive scan, Auto ICR, wide dynamic range, 2D/3D noise reduction, de-fog, etc.